

The LongPath

A North Alabama DX Club Publication

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- July Birthday

How to Join

* Come to a club meeting;
* or send in an application by mail (form on www.NADXC.org)

* or call
Tom Duncan at
(256)705-2147

From the President

By Mark Brown, N4BCD

For me Field Day wasn't just a weekend it June, it seemed to consume the entire month. Many club members participated in a memorable K4BFT weekend that saw new hardware going up for the first time. Hardware that worked well. Preliminary numbers show just over 5200 QSO's in the combined log, pretty good for 4A & GOTA. We'll share some additional comments at Tuesday's meeting.

Hamfest is 5 weeks away. Your officers & directors met last Friday to put the finishing touches on the Banquet planning and Hamfest booth staffing. For the booth we could use everyone's help, so if you can spare an hour or so, please stop by the booth to relieve someone already there.

Our Club's annual picnic is moved up a little from previous years to (hopefully) enjoy better weather. Mark your calendars for Saturday, September 12. We'll start gathering about 9:30AM to throw antennas in the trees and plan for lunch around noon. Location is the same as last year – the pavilion at Monte Sano State park. Pot luck, the club will provide plate, utensils, and cups. Radios & spouses are welcome.

We also mapped out some program ideas for the coming months and set a tentative date & location for our annual Christmas party. We'll publish those details when the commitments are in place.

There's a radio sitting beside me that hasn't had much on time lately, but I have heard more than a few 6m openings. Worked a few of the 13 Colonies for sport. For me the challenge is to work them first call.

As I write this the digital edition of QST arrived today. Our Huntsville Hamfest ad is there in all it's glory – including a partial listing of our Banquet door prizes. Here's the list as it stands today, and remember, seating is limited to 100. Should be exciting.

DX Banquet Door Prizes:

FTdx1200 by Yaesu & Gigaparts

Yaesu dual band HT

\$100 Gift Certificate DXEngineering

\$100 Gift Certificate DXEngineering

Discount coupons DXEngineering

73,

Mark N4BCD

Fiber-Optics Improves RF Immunity

July Program by Tom Duncan, KG4CUY

If your shack computer has ever complained about the RF environment when transmitting, you will be interested in Tom's story about getting his shack computer to coexist with the important mission of the ham-shack: and that's not computing!

Get to the Golden Corral around 6:00 pm for dinner, 7:00 for the business meeting, and 7:30 for the program. See you Tuesday!



June Meeting Minutes

By Mark Brown, N4BCD

Mark opened the meeting at Golden Corral at 7PM, welcoming 28 members & 4 guests.

Announcements

Mark thanked Bill KD8IGK for his great service to this club as Secretary / Treasurer and wished him the best for a successful tenure as the new HARC President. Mark went on to congratulate Bob K4RHB on his becoming HARC's first new Treasurer in 18 years.

There were a number of members reporting their participation in the Alabama QSO Party.

Bill KD8IGK is providing the hotel room for Gregg W6IZT our Banquet speaker from his surplus Best Western points.

Field Day. Robby at Gigaparts has offered up an Apache Labs ANAN-200D for the GOTA station.

Jim N4KH reports that hamfest flea market tables are going quickly.

Mike KF4BOG reported winning a 3 year subscription of CQ Magazine for being logged in during the W5KUB streaming webcast from Dayton Hamvention.

NADXC Officers and Directors

President	Mark Brown, N4BCD
Vice President	Warren Alford, KJ4RAQ
Secretary/	Kelley Vann-Johns, W4VPZ
Treasurer	
At-large	Kevin Hibbs, KG4TEI
directors	Tom Duncan, KG4CUY

DX Worked

From the sign-in sheet...

Art N4UC worked UA3AGW/M during ALQP.

Chuck N4NM worked UA3AGW/M during ALQP.

Al W4ABW worked 10 new IOTA's .

Bob KC4TNC worked OD5ZZ, PJ2/WI9WI, & A4100.

Tim AB4B on 6m worked EA, CT, LZ, SV, YV, CO, PJ4, XE, and more.

Tom N4KG worked UA3AGW/M

Bruce AC4G worked 5ZOL on 80 thru 15m.

Steve AG4W worked HZ on 80m.

Steve KK4TJP worked Malta, Saudi Arabia, & Kuwait

Bill KD8IGK provided the Treasurer's Report.

Membership Applications

An application from Howard Graves

For Sale

TenTec Orion 565 for sale or trade.
Contact Bob: k8ki@comcast.net.

W4KTX was received and he was accepted as a new member. Welcome Howard.

Old Business

Ron W4VM gave an update on the work in progress to address the noisy repeater. While the condition is improved, he stated some additional diagnostic work is planned before a course of action can be determined.

New Business

With Bill's KD8IGK's resignation as Club Secretary / Treasurer to run for HARC office and per Article III, Section 2 of NADXC's Constitution: *Vacancies, other than the Presidency, occurring between elections shall be filled by special ballot taken on or before the second regular meeting after the vacancy occurs.*, Mark opened the floor to nominations for a new Club officer. Chris KF4MMF nominated Kelley Vann-Johns W4VPZ for the position and the motion was seconded. There were no additional nominations, and Kelley was elected by a show of hands.

Program

As DX'ers & testers, even those using the same radios tend to have wildly different equipment setups and other hardware arrangements within their shacks. Tonight Kevin KG4TEI led an interactive discussion of hamshack layouts for DX'ing & contesting featuring photos of several members' shacks.

The LongPath Staff

Publisher/Editor:

Tom Duncan, KG4CUY

Departments:

Chuck Lewis, N4NM, DX Contests

Kelley Vann-Johns, W4VPZ, Minutes

Mark Brown, N4BCD, From the President

Directors Meeting Minutes

By Kelley Vann-Johns, W4VPZ

Officers & Directors Interim Meeting –
6 PM, July 10, 2015, Newk's on University Dr.

Attended by:

Mark Brown N4BCD – President

Warren Alford KJ4RAQ – Vice President

Kelley Vann-Johns W4VPZ – Secretary /
Treasurer

Tom Duncan KG4CUY – Director

Kevin Hibbs KG4TEI – Director

Hamfest Banquet

Gregg W6IZT is our speaker, back from K1N.

Bill KD8IGK is using hotel points to provide Gregg's lodging at Best Western.

Reservation has been made, per seat price is same as last year.

Prizes:

- FTdx1200 by Yaesu & Gigaparts (plus \$200 in club funds).
- Yaesu dual band HT VX-6R (Mark's Yaesu \$200 gift certificate won at Dayton + about \$50 from club funds)
- \$100 DXEngineering Gift Certificate
- \$100 DXEngineering Gift Certificate
- DXEngineering Discount coupons

Staffing - Master of ceremonies, A/V person (Kevin), Prize Drawer, Prize Distributor, Person to introduce Speaker, and Check-In/Ticket-Taker (Kelley). We will be asking for volunteers.

Dinner menu selection – We agreed that last year's menu was good, and we chose the same buffet options for this year's banquet dinner.

Comp tickets –

1-Dennis Motschenbacher, the Yaesu rep

1-Robby Sperr, Gigaparts

2-set aside for later

Mark will send notices of the Banquet to Southeastern DX Club, ACG, and Southeast Contest Club on July 13.

The digital edition of the QST was published today, and it includes the Huntsville Hamfest ad. The DX Club banquet ticket sales are expected to pick up in the next week. We will monitor the online sales and turn off the PayPal option before the banquet is oversold, but reserving some tickets for sale at our Hamfest table.

Staffing the NADXC booth during Hamfest. Please volunteer.

NADXC picnic date is Saturday, September 12, 2015.

- Beginning at 9:30 a.m.
- Pot-luck lunch will be served at 12:00.
- Chuck reserved & paid the pavilion and Bill reimbursed.
- Mark has unused plates, utensils, and cups from last year.
- Rain is not invited, having overstayed it's visit last year.

Upcoming Programs:

- August – HF Terrain Analysis
- September – TLW HF Antenna
- October – TBD
- November – Upcoming 2016 DXpeditions
- December – Christmas Party at Terra Nova Restaurant, Kelley will make arrangements

DX Contests for July

By Chuck Lewis, N4NM

DL DX RTTY Contest (Digital), 80 - 10M

July 4, 1100Z to July 6, 1059Z

Exchange: RST & Serial No.

See page 81, July QST and www.drcg.de

IARU HF World Championships (SSB/CW), 160 - 10M

July 11, 1200Z to July 12, 1200Z

Exchange: RS(T) plus ITU zone; IARU HQ stns send HQ abbrev.

See page 81, July QST and <http://www.arrl.org/iaru-hf-championship>

DARC 10 Meter Digital Contest (Digital), 10M

July 5, 1100Z to 1700Z

Exchange: RST plus S.N.

See page 81, July QST and www.darc.de/referate/ukw-funksport

DMC RTTY Contest (RTTY), 80 - 10M

July 19, 1200Z to July 19, 1200Z

Exchange: RST plus S.N.

See page 81, July QST and www.digital-modes-club.org

RSGB IOTA Contest (CW/SSB), 80 - 10M

July 25, 1200Z, to July 26, 1200Z

Exchange: RS(T), S. N., & IOTA# if island

See page 81, July QST and www.rsgbcc.org

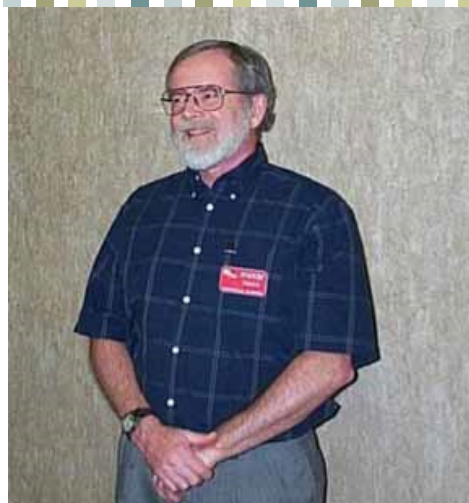
WAE DX Contest, (CW), 80 - 10M

August 8 0000Z, to Aug. 9, 2359Z

Exchange: RS(T) plus Serial #

See: <http://www.darc.de/referate/dx/contest/waedc/en/rules/>

OTHERS:



Run for the Bacon Contest,

0100Z-0300Z, July 20

Dates & times often change or are misprinted in the journals. Beware.

Chuck, N4NM

July Birthday—Vladimir Zworykin

LongPath Staff

The ever—restless LongPath staff has been looking for a new column to grace the pages of our newsletter and grease the skids for that just-around-the-corner Pulitzer. In the hope that there are at least twelve people with name recognition among hams, one born per month, this column was launched. If you see it again next month, we're on a roll.

Vladimir Zworykin is the birthday boy for July, born on the 30th in 1888 or possibly 1889. Graduating from the St. Petersburg Institute of Technology in 1912, he worked for the Russian Marconi company, but left Russia as soon as he could manage after the Bolshevik revolution, ending up in the U.S. in 1918. He went to work for Westinghouse in Pittsburgh, and within a few years was working on television projects, filing patent applications in 1923 and 1925 which were eventually awarded, his first of many.

Now a part-time student at the University of Pittsburgh, Zworykin received his Ph.D. in 1926. Despite demonstrating crude but working television apparatus to Westinghouse management, he was told to quit messing with this electronic picture stuff and get back to doing something useful. Instead, he continued his television work, unveiling the kinescope CRT in a 1929 paper to the Institute of Radio Engineers.

Through the IRE, he met RCA kingpin David Sarnoff later that year, and was hired by his fellow émigré to head television development at the Camden, NJ labs. Zworykin had previously concentrated on the receiving side of things, but now his attention turned to capturing images by means other than the crude electromechanical hybrids then popular. This led to the development in 1934 of the iconoscope camera tube, at virtually the same time as Philo Farnsworth's image dissector tube.



The kinescope magnetic-deflection cathode ray picture tube and the iconoscope camera tube formed the basis of the successful fully-electronic television system propelled into the marketplace by RCA. Zworykin's impact on subsequent improvements, particularly in camera tubes and electronics, was less important than his initial work. He died on July 29, 1982, a full 93 years to the day after his birth. He appears above with a kinescope CRT.